

CLAIMS:

What is claimed is:

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1. A container configured to electronically display images and simulate a photo album storage device, comprising:

a storage housing having a bottom and a plurality of upwardly extending sides, the upwardly extending sides defining at least one storage cavity portion within the storage housing, the at least one storage cavity portion being configured to concurrently store a plurality of removable digital memory storage devices;

10 a display cover coupled to the storage housing, the cover including a visual display device and being configured for open and closed positions to cover the storage housing when in a closed, storage mode and to expose the visual display device at a viewing position when in an open, viewing mode; and

15 an electronic processing device, separate from the storage cavity portion and coupled to the storage housing and the visual display device, the processing device being configured to accept at least one of the plurality of removable memory storage devices and to process and display digital image data contained on the storage device.

20 2. A container as in claim 1, further comprising a navigation data entry interface and navigation control circuitry, each operatively coupled to the processing device to enable an operator to manipulate the digital images stored on the at least one removable memory storage device contained in the processing device.

25 3. A container as in claim 1, further comprising a data transmission and reception system coupled to the electronic processing device, the transmission and reception system being configured to allow a user to electronically send and receive data to and from the electronic processing device.

4 30 4. A container as in claim 1, further comprising an image data information display, operatively coupled to the container, the information display being configured to communicate to the user information relating to the digital images contained on the removable memory storage device contained in the processing device.

5. A container as in claim 1, further comprising a plurality of storage compartments contained within the storage cavity portion, the storage compartments being configured to concurrently store a plurality of removable digital memory storage devices.

5 6. A container as in claim 1, further comprising a telephone communication system, coupled to the storage housing, the communication system being configured to be connectable to a telephone network to allow a user to telephonically communicate with others while viewing the digital image data displayed on the visual display screen.

10 7. A container as in claim 1, wherein the visual display device is configured for open and closed positions to cover the storage housing when in a closed, storage mode and to adopt a substantially vertical position when in an open, viewing mode.

15 8. A container configured to electronically display images and simulate a photo album storage device, comprising:

a storage housing having a bottom and a plurality of upwardly extending sides, the upwardly extending sides defining at least one storage cavity portion within the storage housing;

a plurality of storage compartments contained within the storage cavity portion, the storage compartments being configured to concurrently store a plurality of removable digital memory storage devices;

a display cover coupled to the storage housing, the display cover including a visual display device for displaying digital images and being configured for open and closed positions to cover the storage housing when in a closed, storage mode and to expose the visual display device at a viewing position when in an open, viewing mode;

25 a electronic processing device, coupled to the storage housing and the visual display device, the processing device being configured to accept at least one of the plurality of removable memory storage devices and to process and display digital image data stored on the memory storage devices;

30 a navigation data entry interface and navigation control circuitry, each operatively coupled to the processing device to enable an operator to manipulate the digital images stored on the at least one removable memory storage device contained in the processing device;

a data transmission and reception system coupled to the electronic processing device, the transmission and reception system being configured to allow a user to electronically send and receive data to and from the electronic processing device; and

a telephone communication system, coupled to the storage housing, the communication system being configured to be connectable to a telephone network to allow a user to telephonically communicate with others while viewing the digital image data displayed on the visual display screen.

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9. A container as in claim 8, wherein the navigation data entry interface further comprises at least one touch key button.

10. A container as in claim 8, wherein the navigation data entry interface further comprises a touchscreen interface on the visual display device.

15. A container as in claim 8, wherein the navigation data entry interface further comprises a remote navigation device in data communication with the navigation control circuitry, the remote navigation device being configured to enable a user to remotely navigate through the digital image data displayed on the visual display device.

20. A container as in claim 8, wherein the storage compartments further comprise storage sleeves hingedly coupled within the storage compartment, the storage sleeves being configured to each accept for storage a digital memory storage device.

25. A container as in claim 8, wherein the visual display device is configured for open and closed positions to cover the storage housing when in a closed, storage mode and to adopt a substantially vertical position when in an open, viewing mode.

30. 14. A container configured to simulate a photo album storage device and to electronically display images, comprising:

an electronic data processing device configured to process and display digital image data;
a case encompassing the electronic data processing device, comprising upwardly and outwardly extending walls which extend vertically above and laterally beyond the electronic processing device to define a storage cavity;

a plurality of storage compartments, separate from the data processing device and contained within the storage cavity, the storage compartments each being configured to concurrently store a plurality of removable digital memory storage devices; and

a visual display device coupled to the case, the display device being configured to cover the case when in a closed, storage mode and to provide a viewing screen when in an open, display mode;

5 wherein the electronic processing device is configured to receive at least one removable memory storage device and to process digital image data stored on the memory storage device and display said data on the visual display device.

10 15. The container as in claim 14, further comprising a navigation data entry interface and navigation control circuitry, each operatively coupled to the processing device to enable an operator to manipulate the digital images stored on the at least one removable memory storage device contained in the processing device.

15 16. The container as in claim 15, wherein the navigation data entry interface further comprises a touchscreen interface on the visual display device.

20 17. The container as in claim 15, wherein the navigation data entry interface further comprises a remote navigation device in data communication with the navigation control circuitry, the remote navigation device being configured to enable a user to remotely navigate through the digital image data displayed on the visual display device.

25 18. A container as in claim 14, further comprising a plurality of storage compartments, separate from the electronic data processing device and contained within the storage cavity portion, the storage compartments being configured to concurrently store a plurality of removable digital memory storage devices.

30 19. A container as in claim 14, further comprising a data transmission and reception system coupled to the electronic processing device, the transmission and reception system being configured to allow a user to electronically send and receive data to and from the electronic processing device.

20. A container as in claim 14, wherein the storage housing further includes a telephone communication system, configured to be connectable to a telephone network to allow a user to telephonically communicate with others while viewing the digital image data displayed on the visual display screen.

21. A container as in claim 14, further comprising an image data information display, operatively coupled to the container, the information display being configured to communicate to the user information relating to the digital images contained on the removable memory
5 storage device contained in the processing device.

22. A container as in claim 14, wherein the display device is configured for open and closed positions to cover the storage housing when in a closed, storage mode and to adopt a substantially vertical position when in an open, viewing mode.